

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Andrea Riegler

GENERAL INFORMATION:

Name: DESA International
Address: 2701 Industrial Drive, Bowling Green, KY
Date received: March 22, 2004
SIC: 3433
EIS #: 21-227-00057
Log#: 56436
Permit #: F-04-22

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__ Administrative	<input type="checkbox"/> Title V
__ Minor	<input checked="" type="checkbox"/> Synthetic minor
X Significant	<input type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input checked="" type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☒ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☐ Certified by responsible official
☐ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM ₁₀	3.22	86.81
SO ₂	0.04	0.04
NO _x	5.21	5.21
CO	4.5	4.5
VOC	95	95
LEAD		
HAP □ 10 tpy (by CAS)	1330207: 9.5	1330207: 9.5

SOURCE PROCESS DESCRIPTION:

DESA International is an existing source located in Bowling Green, KY that fabricates metal heating units. The facility is operating under permit number V-99-013 (Revision 1), which expires in August 2004. The plant currently consists of four powder coating booths and several insignificant support activities. V-99-013 also listed two manual spray paint booths; sometime during the life of this permit, DESA completely removed these booths. With their renewal, DESA has applied for a permit to construct two new spray paint booths to replace the booths that had been permanently removed.

EMISSION AND OPERATING CAPS DESCRIPTION:

1. For EP 08 (a/b), volatile organic compound (VOC) emissions shall not exceed 84 tons per year based on a 12 month rolling total to preclude a major source Title V review, PSD applicability and to exempt the source from the requirements of 401 KAR 59:225.
2. For EP 08(a/b), hazardous air pollutants (HAPS) emissions shall not exceed 9.5 tons per year individually and 22.5 tons per year combined based on a rolling 12-month rolling total to preclude a major source Title V review, PSD applicability and to exempt the source from the requirements of 401 KAR 63:002 and 63:020.
3. For EP 08 (a/b), the dry panel filters shall be inspected, maintained and operational in accordance with manufacturer's guidelines at all times.